

Landon Creel

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EDUCATION

Texas A&M University

May 2021

Bachelor of Science in Computer Science

GPR: 3.68

SKILLS

Proficient Languages: C/C++, Python, Java, MATLAB, LabVIEW, HTML, CSS

Other Skills: Linux, Azure DevOps, Git, Communication, Microsoft Office, Leadership

PROJECTS

bp-link

Summer 2020

Full-Stack Video Recruiting Platform

- Implemented Python scripts to parse information from resumes and build Flask API
- Built MongoDB backend and integrated security protocols into Azure Virtual Machines

Movie Database System

September 2019

Java-Based Database Querying Platform

- Implemented Java code to generate outputs for a variety of complex queries
- Implemented GUI using Swing to allow easy interfacing with the application

TAMU Hack

January 2019

Facial Recognition Classroom Attendance Solution

- Implemented facial recognition using Azure Cognitive Services API to identify students based on images captured with a Raspberry Pi Camera
- Worked as part of a four-person team to manage expectations and distribute work

CodeRed 2018 Hackathon

November 2018

Endless Side-Scrolling Platformer Game

- Worked in a two-person team to develop a Python-based game from scratch in 24 hours
- Utilized GitHub to manage source control for long-term continued development

EXPERIENCE

Software Engineering Intern at bp

June 2020 – August 2020

Software Engineering and Cybersecurity

- Worked in a team of six to develop a full-stack web application
- Wrote Python scripts, managed Virtual Machine networking rules and security, performed database administration tasks

Teaching Assistant

August 2018 – December 2019

Python-Based Introductory Programming Course

- Taught Python within the PyCharm IDE to students in class section
- Assisted Head TA with grading papers and helping students in both a classroom setting and during office hours

Assistant Director of Communications

May 2018 – May 2019

Memorial Student Center Aggie Leaders of Tomorrow

- Directly managed a team of five members to coordinate communication with organizations across Texas A&M University
- Assisted in the development of TAMU Angel Tree, a large-scale non-profit operation with over 1,000 participants

Student Technician

September 2016 - June 2017

Information Technology and Computer Maintenance

- Worked under technology director to maintain school district computing systems
- Performed maintenance and troubleshooting for computers, printers, SMART boards, and projectors across the entire district